Technical Specifications: *IQAir® HealthPro® 150* NE

General Specifications	
Power requirements	220-240 V, 50/60 Hz
Energy consumption *	1: 20, 2: 36, 3: 54, 4: 74, 5: 105, 6: 135 Watt; Standby: <1 Watt
Dimensions (without / with packaging)	H 61 x W 38 x D 41 cm / carton: H 74 x W 43 x D 45 cm
Weight (without / with packaging)	13 kg / 17 kg
Air delivery (incl. filters) *	1: 50, 2: 80, 3: 140, 4: 200, 5: 260, 6: 350 m^3/h
Sound pressure/power level **	L_{PA} 1: 22, 2: 33, 3: 41, 4: 47, 5: 52, 6: 57 dB(A); L_{WA} 1: 32, 2: 43, 3: 51, 4: 57, 5: 62, 6: 67 dB(A)
Fan motor	centrifugal, backward curved, with thermal protector, non-stop use approved
Control panel	4-key touch-pad with 16 character 2-line LCD display
Air intake	dual arches at base of unit
Air outlet	320° EvenFlow™ di□user
Colour of main housing / locking arms	light grey / white
Housing material	non-o□gasing, impact-resistant, UV-stabilized ABS
Performance	
Total system efficiency (certified)	≥ 99.97% for particles ≥ 0.3 µm (individually tested at highest fan speed)
Air delivery (certified)	yes (individually tested with all □lters □tted)
Leak tested	yes
EN1822 classification	HEPA class H13 (MPPS e□ciency: ≥ 99.95% @ 0.22 µm at air□ow rate ≤ 190 m^3/h) HEPA class H12 (MPPS e□ciency: ≥ 99.50% @ 0.16 µm at air□ow rate ≤ 475 m^3/h)
Filter Configuration	
Pre- & Gas-filter	***PreMax™ MG Filter F8MG (S)*** Pre-Filter Stage: Purpose: control of coarse and □ne particulate matter; protection of subsequent □lters Media: non-woven glass micro□ber, mini-pleated for high-capacity E□ciency: ≥ 55% at ≥ 0.3 µm (class F8) Surface area: 1.9 m^2 Gas- & Odour Filter Stage: Purpose: control of a wide range of chemical contaminants and odours Media: MultiGas™ activated carbon & impregnated activated alumina (AC/4 + IA/4) Weight: 1.0 kg
HEPA-filter	***HyperHEPA® Filter H12/13 (L)*** Purpose: control of □ne & ultra-□ne particulate matter Media: non-woven glass micro□ber, hospital-grade HyperHEPA® □lter E□ciency: ≥ 99.97% at ≥ 0.3 µm (class H12/13) Surface area: 5.0 m^2
Features	
Display languages	4 user-selectable languages: English, French, German, Italian (or Spanish)
Fan speed settings	6
Intelligent filter life monitor	yes (monitors actual usage of each individual □lter)
Filter life status LEDs	2
Advanced timer	yes (allows programming of operating hours and weekdays)
Advanced fan speed selection	yes (allows programming of di□erent fan speeds for 2 di□erent time periods)
Adjustable filter load indices	3 (large dust, chemicals and □ne dust)
Supplied accessories	remote control (incl. battery), power cord with plug, casters, certi□cate of performance
Optional accessories	***VMF*** wall-mount bracket, ***PF40*** coarse dust pre-□lter, ***InFlow, VM InFlow*** & ***OutFlow*** duct connections, ***FlexVac*** & ***VM FlexVac*** mobile & wall-mounted source capture kits.
Electrical safety certification	IEC/IECEE (CB-Scheme), CE, SEV, KTL, GOST-R

* per fan speed measured at 230V, 50Hz; tolerance ± 10% (± 10 m^3/h); ** tolerance: ± 2 dB(A); All technical speci□cations are subject to change without prior notice.